## **EXHIBIT B**



Databases

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## ClustalW2 Results

	Results of search
lumber of sequences	4
Alignment score	9231
Sequence format	Pearson
Sequence type	аа
JalView	Start Jalview
Output file	clustalw2-20100803-1709277804.output
Alignment file	dustalw2-20100803-1709277804.aln
Guide tree file	cluslatw2-20100803-1709277804.dnd
Your input file	clustalw2-20100803-1709277804.input

To save a result file right-click the file link in the above table and choose "Save Target As". If you cannot see the JalViewbutton, reload the page and check your browser settings to enable Java Applets.

## Scores Table

Sort by Sequence Number View Output File									
SegA	Name	Len(aa)	SeqB	Name	Len(aa)	Score			
					500	30			
1	Fischer Phlp4>	10	2	SEQ#2>					
7	Fischer Phlp4>	10	3	SEQ#4>	500	30			
1	Fischer Phlp4>	1.0	4	SEO#6>	500	30			
Τ.			3	SEO#4>	500	99			
2	SEQ#2>	500	2			92			
2	SEO#2>	500	4	SEQ#6>	500				
3	SEQ#4>	500	4	SEQ#6>	500	92			

PLEASE NOTE: Some scores may be missing from the above table if the alignment was done using multiple CPU mode. Please check the output.

Sort by Sequence Number View Output File

View Alignment File

## Alignment

SEQ#2> SEQ#4>

SEQ#2>

SEQ#6> Fischer\_Phlp4>

Show Colors

CLUSTAL 2.0.12 multiple sequence alignment								
SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	YFPFPAAKEDFLGCLVKEIPPRLLYAKSSPAYPSVLGQTIRNSRWSSPDNVKPIYIVTPT 60 YFPPPAAKEDFLGCLVKEIPPRLLYAKSSPAYPSVLGQTIRNSRWSSPDNVKPIYIVTPT 60 YFPPPAAKEDFLGCLVKEIPPRLLYAKSSPAYPSVLGQTIRNSRWSSPDNVKPLYIITPT 60							
SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	NASHIQSAVVCGRRHGVRIRVRSGGHDYEGLSYRSLQPEEFAVVDLSKMRAVWVDGKART 120 NASHIQSAVVCGRRHGVRIRVRSGGHDYEGLSYRSLQPEEFAVVDLSKMRAVWVDGKART 120 NVSHIQSAVVCGRRHSVRIRVRSGGHDYEGLSYRSLQPETFAVVDLNKMRAVWVDGKART 120							
SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	AWVDSGAQLGELYYAIHKASTVLAFPAGVCPTIGVGGNFAGGGFGMLLRKYGIAAENVID 180 AWVDSGAQLGELYYAIHKASPVLAFPAGVCPTIGVGGNFAGGGFGMLLRKYGIAAENVID 180 AWVDSGAQLGELYYAIYKASPTLAFPAGVCPTIGVGGNFAGGGFGMLRKYGIAAENVID 180							
SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	VKLVDANGTLHDKKSMGDDHFWAVRGGGGESFGIVVAWKVRLLPVPPTVTVFKIPKKASE 240 VKLVDANGTLHDKKSMGDDHFWAVRGGGESFGIVVAWKVRLLPVPPTVTJFKIPKKASE 240 VKLVDANGKLHDKKSMGDDHFWAVRGGGGESFGIVVAWQVKLLPVPPTVTIFKISKTVSE 240							
SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	GAVDIINRWQVVAPQLPDDLMIRVIAQGPTATFEAMYLGTCQTLTPMMSSKFPELGMNAS 300 GAVDIINRWQVVAPQLPDDLMIRVIAQGPTATFEAMYLGTCQTLTPMMSSKFPELGMNAS 300 GAVDIINKWQVVAPQLPADLMIRIIAQGPKATFEAMYLGTCKTLTPLMSSKFPELGMNPS 300							

HCNEMSWIQSIPFVHLGHRDNIEDDLLNRNNTFKPFAEYKSDYVYEPFPKRVWEQIFSTW 360 HCNEMSWIQSIPFVHLGHRDNIEDDLLNRNNTFKPFAEYKSDYVYEPFPKEVWEQIFSTW 360 HCNEMSWIQSIPFVHLGHRDALEDDLLNRNNSFKPFAEYKSDYVYQPFPKTVWEQILNTW 360

LLKPGAGIMIFDPYGATISATPEWATPFPHRKGVLFNIQYVNYWFAPGAGAAPLSWSKEI 420

	SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	YNYMEPYVSKNPRQAYANYRDIDLGRNEVVNDVSTFSSGLVWGQKYFKGNFQRLAITKC YNYMEPYVSKNPRQAYANYRDIDLGRNEVVNDVSTFSSGLVWGQKYFKGNFQRLAITKC YNYMEPYVSKNPRQAYANYRDIDLGRNEVVNDVSTYASGKVWGQKYFKGNFERLAITKC	TV 400	
	SEQ#2> SEQ#4> SEQ#6> Fischer_Phlp4>	VDPTDYFRNEQSIPPLIKKY 500 VDPTDYFRNEQSIPPLIKKY 500 VDPTDYFRNEQSIPPLIKKY 500		
	PLEASE NOTE: Showing o	olors on large alignments is slow.		
	Show Colors Vie	ew Alignment File		
	Guide Treè			•
	Show as Phylogran	Tree Show Distances View DND File		
	<pre>{ Fischer_Phlp4&gt;:0. {     SEQ#2&gt;:0.00250,     SEQ#4&gt;:0.00150)     :0.03550,     SEQ#6&gt;:0.03750);</pre>	66250,		
	Cladogram			
			Fischer_Phlp4> SEQ#2> SEQ#4> SEQ#6>	* .
	Show as Phylogram			
	Right-click on the above to Problems printing? Read	ree to see display options. howto print a Phylogram or Cladogram.		
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